

Keswick Urban District Council

ANNUAL REPORT

of the
Medical Officer of Health
John Patterson, M.B., B.Ch., B.A.O., D.P.H.

FOR THE YEAR
1965

Together with the Summary of Work
of the Public Health Inspector



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Keswick Urban District Council

TO THE CHAIRMAN AND MEMBERS OF THE
KESWICK URBAN DISTRICT COUNCIL

LADIES AND GENTLEMEN,

I have the honour to present my eleventh and final Annual Report as Medical Officer of Health to Keswick Urban District Council.

It is in the usual form and there are no outstanding variations in the statistics over previous years.

The success of the welfare housing scheme for aged persons is now assured, and with the provision of flats for more able-bodied single old people, and the advent of a new purpose-built Welfare Home, the authority can rest content that it has fulfilled its obligations to this section of the population.

The provision of further flatlets schemes in association with neighbouring authorities will without doubt set a pattern for the future care of the aged.

The years which I have spent with this Authority have been pleasant and satisfying ones, and in a large measure this has been due to the friendliness and consideration I have received from Members of the Council.

It is with regret that I must terminate my association with the officials and staff and would place on record how much their co-operation, thoughtfulness and help has been appreciated.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your Obedient Servant,

JOHN PATTERSON,

Medical Officer of Health.

Statistical and Social Conditions of the Area

Area (acres) : 1,272.

Registrar-General's estimate of resident population :—4,350.

mid-1964 — 4,410; mid-1963 — 4,600; mid-1962 — 4,590;
mid-1961 — 4,630.

Number of inhabited houses : 1,654.

Rateable Value : £187,957.

Sum represented by a Penny Rate : £748.

The Tables of Vital Statistics are set out below, showing birth rates, death rates and rates for maternal and infantile mortality.

Crude birth and death rates are corrected by means of an Area Comparability Factor supplied each year by the Registrar General. They allow for varying age and sex distribution of the population in different areas and enable comparisons to be made with figures for other areas.

This year the factor for births is 1.12 and for deaths 0.83. The total live birth were 52. This corresponds to a birth rate of 12.0 per thousand of the population (13.4 corrected), compared with 13.8 in 1964. Six of the births were illegitimate.

There were no deaths of infants under 1 year of age. There were no still births.

There were no deaths due to pregnancy and childbirth, and no deaths from tuberculosis.

Deaths at all ages were 89, an increase of 4 on 1964.

Deaths from cancer fell from 15 in 1964 to 13 in 1965.

Vital Statistics

Population of the URBAN DISTRICT (mid-1965)—4,350.

LIVE BIRTHS—		Males	Females	Total	Grand Total	Rate per 1,000 pop.	
						uncor- rected	cor- rected
1960	Legitimate	26	32	58	58	12.6	12.6
	Illegitimate	0	0	0			
1961	Legitimate	35	32	67	72	15.6	15.6
	Illegitimate	2	3	5			
1962	Legitimate	20	19	39	42	9.0	9.0
	Illegitimate	1	2	3			
1963	Legitimate	30	26	56	63	13.7	15.3
	Illegitimate	3	4	7			
1964	Legitimate	30	23	53	61	13.8	15.4
	Illegitimate	1	7	8			
1965	Legitimate	27	19	46	52	12.0	13.4
	Illegitimate	3	3	6			

STILL BIRTHS—

		Males	Females	Total	Total	Rate per
				Population		
1960	Legitimate	0	2	2	2	0.43
	Illegitimate	0	0	0		
1961	Legitimate	0	0	0	0	0.0
	Illegitimate	0	0	0		
1962	Legitimate	1	1	2	0	0.0
	Illegitimate	0	0	0		
1963	Legitimate	0	0	0	0	0.0
	Illegitimate	0	0	0		
1964	Legitimate	1	0	1	1	0.22
	Illegitimate	0	0	0		
1965	Legitimate	0	0	0	0	0.0
	Illegitimate	0	0	0		

DEATHS—

Year	Males	Females	Total	Rate per 1,000 pop. uncorrected	Rate per 1,000 pop. corrected
1960	34	31	65	14.1	12.2
1961	41	45	86	18.5	15.9
1962	37	35	72	15.8	13.6
1963	40	41	81	17.6	14.6
1964	45	40	85	19.3	16.0
1965	52	37	89	20.5	17.0

MATERNAL MORTALITY—

			Deaths	Rate per 1,000 births
1960	...	...	0	0.0
1961	...	...	0	0.0
1962	...	...	0	0.0
1963	...	...	0	0.0
1964	..	...	1	16.4
1965	...	...	0	0.0

INFANTILE MORTALITY RATES—

		Deaths of infants under 1 yr.	All infants per 1,000 live births	Legitimate infants per 1,000 live legitimate births	Illegitimate infants per 1,000 live illegitimate births
1960	...	1	17	17	0
1961	...	2	28	28	0
1962	...	0	0	0	0
1963	...	3	48.6	53.5	0
1964	...	2	32.8	37.7	0
1965	...	0	0	0	0

TUBERCULOSIS DEATH RATE—

Year	Pulmonary T.B. Deaths	Other T.B. Deaths	Total T.B. Deaths	Pulmonary T.B. death rate per 1,000 pop.	Total T.B. death rate per 1,000 pop.
1960	0	0	0	0.0	0.0
1961	0	0	0	0.0	0.0
1962	1	0	1	0.2	0.2
1963	0	0	0	0.0	0.0
1964	0	0	0	0.0	0.0
1965	0	0	0	0.0	0.0

TABLE OF COMPARATIVE RATES (uncorrected)—

	1960	1961	1962	1963	1964	1965
Birth Rate :						
England and Wales	17.1	17.4	18.0	18.2	18.2	18.0
County of Cumberland	18.0	17.6	18.3	17.7	18.4	17.4
Urban Districts of Cumberland	18.5	17.8	18.3	16.8	18.8	18.2
Keswick Urban	12.6	15.6	9.0	13.7	13.8	12.0
Death Rate :						
England and Wales	11.5	12.0	11.9	12.2	11.3	11.5
County of Cumberland	12.0	12.3	12.2	12.5	11.8	12.0
Urban Districts of Cumberland	12.1	12.6	12.3	11.7	11.5	12.3
Keswick Urban	14.1	18.5	15.8	17.6	19.3	20.5
Infantile Mortality :						
England and Wales	21.7	21.4	21.4	20.9	20.0	0.0
County of Cumberland	23.1	22.6	26.4	22.0	18.3	0.0
Urban Districts of Cumberland	29.7	22.4	20.4	15.0	20.5	0.0
Keswick Urban	17.0	28.0	0.0	48.6	32.8	0.0

Causes of Death in 1965

Causes of Death		Male	Female
All causes		52	37
1.	Tuberculosis, Respiratory	—	—
2.	Tuberculosis, Other	—	—
3.	Syphilitic Disease	1	—
4.	Diphtheria	—	—
5.	Whooping Cough	—	—
6.	Menigoco-coccal infections	—	—
7.	Acute Poliomyelitis	—	—
8.	Measles	—	—
9.	Other infective and parasitic diseases ...	—	—
10.	Malignant Neoplasm, stomach	1	1
11.	„ „ lung, bronchus	5	—
12.	„ „ breast	—	1
13.	„ „ uterus	—	—
14.	Other malignant and lymphatic neoplasms	4	1
15.	Leukaemia, aleukaemia	—	—
16.	Diabetes	—	—
17.	Vascular Lesions of nervous system	13	8
18.	Coronary Disease, angina	10	5
19.	Hypertension with heart disease	1	2
20.	Other heart diseases	5	14
21.	Other circulatory diseases	1	—
22.	Influenza	—	—
23.	Pneumonia	3	—
24.	Bronchitis	2	—
25.	Other diseases of respiratory system ...	—	—
26.	Ulcer of stomach and duodenum	1	—
27.	Gastritis, enteritis and diarrhoea	—	—
28.	Nephritis and nephrosis	1	—
29.	Hyperplasia of prostate	1	—
30.	Pregnancy, childbirth, abortion	—	—
31.	Congenital malformations	—	—
32.	Other defined and ill-defined diseases ...	2	3
33.	Motor Vehicle Accidents	1	1
34.	All other accidents	—	1
35.	Suicide	1	—
36.	Homicide and operations of war	—	—

Infantile Mortality

Deaths under one year showing varying causes and ages :—

Cause of death	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total under 1 year
NIL										
Totals										NIL

Senile Death Rate

Age at Death	Males	Females	Total
65-70 years ...	7	3	10
70-75 years ...	11	6	17
75-80 years ...	8	8	16
80-85 years ...	6	11	17
85-90 years ...	6	3	9
90-95 years ...	3	1	4
Total ...	41	32	73

Senile Death Rate 82% of total deaths (1964—78%)

Deaths from Violence

Cause		No. of deaths	% of all causes	Rate per 1,000 of population
Suicide	1964	0	0.0	0.0
	1965	1	1.1	0.2
Road Traffic Accidents	1964	1	1.2	0.2
	1965	2	2.2	0.4
Other Violence	1964	0	0.0	0.0
	1965	1	1.1	0.2
Total	1964	1	1.2	0.2
	1965	4	4.5	0.9

Deaths from Cancer

System	Primary organ site of disease	Males	Females
Alimentary	Mouth	1	—
	Stomach	1	1
	Colon	1	—
	Rectum	—	1
Respiratory	Larynx	1	—
	Bronchus	3	—
	Lung	2	—
Glandular	Breast	—	1
	Ovary	—	1
Total		9	4

Age at Death	Males	Female	Total
Between 40 and 50 years	2	1	3
Between 50 and 60 years	0	0	0
Between 60 and 70 years	2	2	4
Between 70 and 80 years	3	1	4
Between 80 and 90 years	2	0	2
Totals	9	4	13

Cancer Death Rate 3.0 per 1,000 population (1964—3.4 per 1,000 pop'tion.)
Approximately 1 death in 7 was due to Cancer.

Infectious Diseases

The total number of cases of infectious disease notified in 1965 was 4, all measles.

There were no notifications or deaths from Diphtheria, Poliomyelitis, Typhoid Fever, Puerperal Pyrexia, or Food Poisoning.

Cases on the Tuberculosis Register

	Males	Females	Totals
Pulmonary	14	5	19
Non-pulmonary ...	1	4	5
All Cases ...	15	9	24

Diphtheria, Whooping Cough and Tetanus.

Immunisation against these diseases is usually combined by means of a triple vaccine, and during the year 39 children completed a full course of three injections. Booster doses were given to 86 children.

POLIOMYELITIS.

The figures show those having had 2 doses of Vaccine, those having completed a course of three, and those who have had four doses. All protection now is by means of the Sabin oral vaccine.

B.C.G. Tuberculosis.

Mantoux skin testing and B.C.G. vaccination was continued in 1965, the age groups being those born in 1952. The table gives detailed figures. 61 children were tested and 5 (8.2%) were found to be positive reactors.

The remaining 56 negative reactors were given B.C.G. vaccination. This figure of 8.2% for positive reactors again shows a welcome decrease on last year.

Smallpox.

A total of 45 vaccinations were carried out during the year, the majority being young adults.

The vaccination of adults will be performed at the County Council clinic upon request.

Poliomyelitis Vaccination, Year 1965

Year of Birth	Pre 1949	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Total
Age ...	16	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	1	under
No. who have completed a primary course at 31/12/65 ...																			
111																			
No. who have completed a full course and 1 booster at 31/12/65																			
590																			
No. who have completed a full course and 2 boosters at 31/12/65																			
49																			
31																			
5																			
6																			
9																			
4																			
2																			
5																			
9																			
17																			
12																			
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315																			
31																			
5																			
43																			
34																			
30																			
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26																			
20																			
25																			
25																			
27																			
4																			

412																			

Results of Mantoux Testing and B.C.G. Vaccination to 31-12-65 of Children born in 1952.

No. of children :—

No. eligible for tests	88			
Mantoux tested	61			
Found Negative	56			
Given B.C.G. Vaccination	56			
Found Positive	5			

Children born 1952
attending schools in Keswick

Keswick Urban District Council

TO THE CHAIRMAN AND MEMBERS OF THE
KESWICK URBAN DISTRICT COUNCIL

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in submitting for your consideration my 15th Annual Report on public health work carried out in my department, during the year ended 31st December, 1965.

I would like to record my appreciation of the co-operation which I have received from my colleagues on the staff of the Council and to Members of the Council I would offer my thanks for their consideration and support.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your Obedient Servant,

RALPH LUSHER,

Public Health Inspector & Surveyor to the Council.

General Provision of Health Services in the Area.

- (1) Part-time Medical Officer of Health.
- (2) One Public Health Inspector, Mr. Ralph Lusher, M.A.P.H.I., M. Inst.H.E. being also the Surveyor and Water Engineer.
- (3) Mr. T. Thwaite, assistant to the Surveyor and Public Health Inspector.

Sanitary Circumstances of the Area

WATER SUPPLY

The supply from the ghylls was ample at all times and no difficulty was experienced in maintaining supplies.

The Consulting Engineers continued their work in the preparation of a scheme to be undertaken jointly with the West Cumberland Water Board, for the improvement of the water supplies in Keswick and adjoining parishes.

36 samples of water were submitted for analysis during the year, 32 of which were regarded by the analyst as highly satisfactory.

All houses in the district have a water supply inside the house.

DRAINAGE AND SEWERAGE

The improvement and reconstruction of the sewage disposal works was substantially completed by the end of the year.

The County Engineer is now considering a scheme to relieve certain sewers which are surcharged with storm water in periods of heavy rain.

The sewers generally in the district are adequate and give very little trouble.

Scavenging and Removal of Refuse.

This service runs at a loss and consequently a good deal of material which could be salvaged is disposed of on the refuse tip.

In 1955 the Council received £8 per ton for mixed paper. In 1964 the price dropped to £6 and it now stands at £7 per ton. During this time costs have continued to rise and unless the price received for the waste paper can be related more directly to costs of collection it is clear that collections will have to be curtailed.

The salvage of paper and cardboard was continued during the year and comparative figures of sales in the past five years are as follows:—

1961	175 tons sold for £1,213.
1962	156 tons sold for £963.
1963	162 tons sold for £973.
1964	133 tons sold for £807.
1965	147 tons sold for £1,029.

The price paid for paper was increased from £6-10-0 to £7-0-0 per ton on the 1st January, 1965.

Sanitary Inspection of the District

Summary of Inspections during the year:—

Premises inspected during the year	...	...	...	...	156
Nuisances or defects discovered	...	...	...	...	35
do. do. remedied after informal action	...	...	...	...	30
do. do. remedied after statutory notice	...	...	...	...	0
Housing Inspections under Public Health or Housing Acts	...	...	...	...	152

A total of 46 factories are entered in the Factories Register, 12 inspections were made of these premises during the year.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The following is a report of the work done in connection with this Act during the year :—

On the 31st December, 1965, 163 premises were registered. During the year 95 visits have been made for purposes of the regulations. In general the bulk of requirements requested for compliance have been met. Two or three premises still await structural alterations to achieve the requisite standard.

No prosecutions have been made. Good results have followed tact and quiet persuasion. Public Health visits have been found useful and helpful in assisting with the necessary un-announced calls.

590 persons are employed currently in the following places :

	Men	Women	Total
Offices	63	65	128
Retail Shops	86	215	301
Wholesale Depts. & Warehouses	9	2	11
Catering Estab.	44	106	150
	<hr/>	<hr/>	<hr/>
	202	388	590
	<hr/>	<hr/>	<hr/>

Lighting.

1. The majority of premises have a good standard of either natural or artificial light. No really poor standard was encountered.

2. Of the premises which could have made a better provision the toilets of Public Houses in particular need attention. Vandalism is an additional problem in such premises. Premises badly lit can often lower the whole standard of cleanliness and maintenance.

3. No specific standards of lighting have been recommended to occupiers.

4. Cases of excessive glare have not been noticed.

The detailed information requested for the month of November, 1965, dealing with the measurement of light in lumens at premises is not available, the equipment needed to provide such information is not at our disposal.

PREVENTION OF DAMAGE BY PESTS ACT, 1949

The Council employees undertake treatment as recommended. The sewers were treated several times during the year. Treatments were also carried out at 10 private house.

The refuse tip is sited very close to the Council's Derwentwater Caravan and Camping Sites and pest control is therefore very important in this area. The Council engaged Messrs. Rentokil Laboratories Ltd., with a Contract to deal with rats and flies and these pests were kept well under control during the year.

CARAVAN SITES

There are four licensed caravan sites in the district and these were inspected on many occasions.

CARAVAN SITE

The Council's Derwentwater site continued to operate successfully.

CAMPING SITE

The Derwentwater Camping Site which is being developed by the Council continued in operation.

Housing

FLATS AT GRETA COURT

This is a scheme comprising 42 flats on the disused allotment gardens at the Headlands. Twenty-three of these flats were completed and occupied by the end of the year.

DERWENT CLOSE FLATLETS

The 20 aged persons flatlets at Derwent Close continued to serve a very useful purpose.

The Council own a total of 389 houses, of which 258 are post war houses.

Improvement Grants

12 applications were received for Improvement Grants and Grants were made in all cases. All the applications were in respect of owner occupied premises.

This is an increase of 1 application over last year's figure.

Rent Act, 1957.

No applications were received for Certificates of Disrepair and no action was taken by the Council under this Act.

Inspection and Supervision of Food

MILK AND DAIRIES

32 milk samples were submitted to the analyst.

Under a local arrangement made in this County, the inspection work is still being carried out by the local Public Health Inspectors and 32 such inspections were made during the year.

Meat and Other Foods

There are no slaughter houses in the Urban District, all meat is transported from abattoirs outside the district.

The following is a brief summary of food stuffs for which certificates of unsoundness were issued by the Public Health Inspector.

178 lbs. Cooked Meat, 111 small cartons Yoghurt, and 125 tins of various foods. These food stuffs were removed by the refuse collectors and buried at the refuse tip.

BAKEHOUSES. There are five in existence. As usual all these premises were periodically inspected.

ICE CREAM.	Registered premises for manufacture or sale	...	...	...	31
	Registered premises for sale only	...	...	...	29

FOOD (Preparation and Manufacture) Premises.

Registered premises for the preparation & manufacture of foods	11
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FOOD HYGIENE REGULATIONS

The work of inspection of food premises continued during the year.

In 1964 a prosecution was brought against a caterer when fines totalling £55 plus costs were imposed and the caterer was disqualified from participating in the management of a catering business for two years. The cafe was closed down but in April, 1965, it was opened up again for business. The Council then instituted proceedings against the owner occupier of the cafe for breach of the disqualification order. In court the caterer argued that the cafe was now being managed by her husband and she was taking no part in the running of the business. Although the Council proved that she was still living above the cafe with her husband and was the occupier of the premises for rating purposes and was still stamping the various insurance cards as employer, the court held that she had not committed a breach of the Order and dismissed the case.

